

## Fibre optic detector for a measuring device for the determination of light scattering

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The optical fibre detector uses a multi-mode optical fibre (4), coupled to a beam splitter (9), for splitting the light into partial beams of equal or different intensity, fed to respective multi-mode optical fibres (5). One of the latter is coupled to a single-mode optical fibre (6) via an optical fibre coupling (7), with both partial beams fed to a single photon detector (8). The beam splitter may be replaced by a light switching device, which directs the light to the 2 multi-mode optical fibres in alternation.

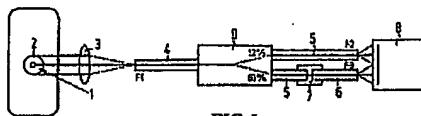


FIG.1

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